

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE <b>C20</b>		PAGE <b>1</b> OF <b>4</b> PAGES		
2. AMENDMENT/MODIFICATION NO. <b>0001</b>		3. EFFECTIVE DATE <b>01AUG13</b>		4. REQUISITION/PURCHASE REQ. NO. <b>FIDM0355-02</b>		5. PROJECT NO. (If applicable)	
6. ISSUED BY <b>USAF Procurement Branch Contracting Division 100 Kinder Drive, Suite A332 Arnold AFB TN 37389-1332 Buyer/Symbol: Tony Clayborne/PKP Phone: (931) 454-3918</b>		7. ADMINISTERED BY (If other than Item 6)		CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  <b>TO ALL PROSPECTIVE BIDDERS:</b>				(X) 9A. AMENDMENT OF SOLICITATION NO. <b>F40650-01-B-0009</b>			
				(X) 9B. DATED (SEE ITEM 11) <b>01JUN22</b>			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended.							
Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:							
(a) By completing Items 8 and 15, and returning <u>ONE</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified							
12. Accounting and Appropriation Data (If required) <b>N/A</b>							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>							
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc). SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
The purpose of this Amendment is to incorporate the following clarifications and changes to the specifications in response to proposed questions from potential offerors as follows:							
A) QUESTION - What thickness is required on the fireproofing?							
ANSWER - The thickness was not specified. Use UL 1709 Rapid temperature Rise Rating of 2 hours for a minimum thickness of 1-1/8 inch.							
B) QUESTION - How many welds are required to be inspected?							
ANSWER - Reference B31.3, paragraph 341.4.b which states that a minimum of 5% of the circumferential welds must be radiographed.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF SIGNER (Type or print)			
				<b>TONY CLAYBORNE/Contracting Officer</b>			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				BY		(Signature of Contracting Officer)	

C) QUESTION – Who provides the transducers not currently in place?

ANSWER – Additional transducers will be provided and installed by AEDC

D) QUESTION – Who provides new fill dirt if the soil that is removed during disconnection of the old drain lines to the waste fuel tank is contaminated?

ANSWER – AEDC will have a supply of soil for this purpose on base. The contractor will Be responsible for getting the dirt.

E) QUESTION – Who will dispose of water used in hydrotest?

ANSWER – AEDC will provide containers and disposal of the water. The contractor is responsible for collecting and placing the water into the containers.

F) QUESTION – During the digging of the caissons, will the contractor be required to dig for all eight caissons at one time?

ANSWER – No, the contractor is not required to dig for all eight of the caissons at one time.

G) QUESTION – During the digging of the caissons, will the contractor be required to wait two weeks for environmental test results before proceeding with caisson installation?

ANSWER – No, the contractor will not need to wait for the environmental test results. The soil will remain on the side of the dig on AEDC supplied poly sheeting until a determination is made of its' contamination condition. If it is contaminated, the contractor will place the soil in AEDC provided containers. Regarding any water that cannot be kept in the ground, the water will be placed immediately into AEDC provided containers.

H) QUESTION – Test pressure for piping was given, what type of test is required (hydrostatic, pneumatic, etc)?

ANSWER – Use either B31.3 hydrostatic test @ 1.5 times, or may also use a pneumatic test of 110% of design pressure. Testing will be accomplished during non-standard AEDC work days (Standard work days are from 0600 to 1700, Monday through Friday).

- I) QUESTION – Existing lines are drained, purged, and capped. Who drains the pipe; what type of fluid is in the pipe; can the lines be drained into drain hubs; what type of purging is required; what is the disposition of what comes out of the pipe?

ANSWER – AEDC will open the drain valves and perform the initial draining. Jet fuel (JP8, JP8+ 100, JP5+ additive) is used. The lines that are being replaced slope to the waste fuel tank and each has a drain valve that can be opened to drain the line. Purging: 1. Drain all residual fuel from the pipe. 2. Disconnect the pipe at both ends and make modifications to allow the pipe to be flushed with water. 3. Purge flammable fumes from the pipe by venting the pipe with nitrogen. NOTE: A nitrogen purge might be necessary to sever the pipe. Restrict access to the vent and monitor flammable zone. GN<sub>2</sub> will be provided by AEDC. 4. Flush the pipe with clean water collecting all wastewater generated by this process. An estimate of the amount of water to be generated is required prior to initiating this work. 5. Cap both ends of the pipe with a flange. The contractor shall collect the fluid and place into AEDC provided containers. AEDC will dispose of the fluid. NOTE: The contractor is to disconnect the old drain lines to the waste fuel tank. Disconnect as close to the waste fuel tank as possible.

- J) QUESTION – Specifies cleaning of the new piping, what class of cleaning is required? Who pays for fuel used during cleaning and checkout? How will disposal be handled? Can it be dumped into drain hub? Will all new pipe as well as welds onto existing pipe have to be cleaned?

ANSWER – A sample of fluid, analyzed by AEDC, will be taken at the ASTF fuel building (the far end of the delivery system) just prior to disconnection of the old system. A similar sample will be analyzed by AEDC following cleaning by the contractor. System cleanliness will be acceptable once the fuel exiting the system is as clean as the sample taken prior to disconnection of the old fuel line plus 1mg/gal or 2mg/gal, total particle count, whichever is greater. AEDC will pay for the fuel costs associated with the first fuel flush; if the cleanliness requirement is not met following the first fuel flush, the contractor will be responsible for the cost of subsequent fuel flushes. AEDC will make available the waste fuel tank and the fuel farm pit for use with fuels only. Otherwise, AEDC will provide containers and dispose of any waste collected by the contractor. Yes, all new pipe and welds onto existing pipe will have to be cleaned.

K) QUESTION – Is the steel galvanized and painted or only galvanized?

ANSWER – Steel Truss: Galvanized steel. See Note 13 on sheet 5 of the .02 drawing, and Note 13 on sheet 6 of the .03 drawing Carbon Steel Pipe and Steel Pipe on Exterior Walls: See Paint Spec – Sheet 9 of .04 drawing, Note 3 Steel Pipe Supports: Galvanized Steel. Note 13 on sheet 6 of the .03 drawing Concrete embedments: Galvanized steel. See .01 drawing sheet 4 note 11 Other notes as specified. Basically all structural steel is galvanized; all steel pipe is painted. Fireproofing is applied to Bent 1 only. This Bent is located near a fuel tank that in the event of a fire in the tank the fireproofing would prevent the structure from collapsing immediately thus “adding more fuel to the fire”.

L) QUESTION – Does the fire proofing get applied to the W14 columns only or to all the bents and trusses?

ANSWER – See the .03 drawing sheet 1, only to the two W14 columns.

M) QUESTION – What finish is required on the carbon steel?

ANSWER – Paint Spec – SHT 9 of .04 drawing NOTE 3

QUESTION – Drawing RU63155.01, Sheet 1, states the relocation of the light pole near bent #3 will be done by others. Please clarify?

ANSWER – AEDC will do this work.

N) The following NOTE is to be added to the specifications: Instrumentation on the waste fuel tank will have to be moved and re-installed.

O) The bid opening time and date is hereby extended to 2:00 P.M. (local time) on 21 August 2001.